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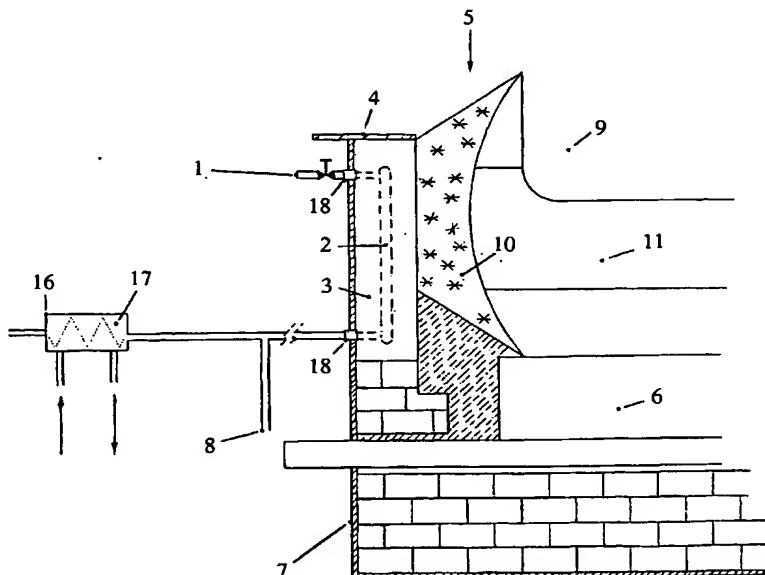
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(54) Title: **ELECTROLYSIS CELL AND STRUCTURAL ELEMENTS TO BE USED THEREIN**



(57) Abstract: The present invention concerns an arrangement of one or more structural elements (3) in a cell lining, in particular for use as a side lining in aluminium electrolysis cells (5). The present invention concerns in particular improvements to the design of and choice of materials for side linings designed to be fitted in existing electrolysis cells, plus the design and production of the stated material, where the main purpose of the material is to utilise it for energy recovery in electrolysis cells. The present invention also describes possible materials for use in the elements and production of these elements.

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